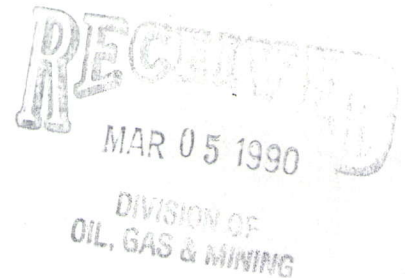


**JUMBO MINING CO.**

6305 Fern Spring Cove  
Austin, Texas 78730  
(512) 346-4537  
Telex # 76-7177

February 27, 1990  
File: OGM2270

Mr. Lowell P. Braxton  
Administrator  
Mineral Resource Development  
and Reclamation Program  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203



Dear Mr. Braxton:

Re: Notice of Intent to Revise Large Mining Operations of M/027/007

Pursuant to our plans to commence mining operations at the MIZPAH PIT, we attach herewith your completed form MR-REV. Please consider the following comments to be a part of this form.

PROPOSED OPERATIONS:

Approximately 200,000 tons of ore will be mined at the Mizpah Pit and hauled one mile for processing in existing facilities at the Drum Mine. An additional 300,000 tons (approx.) of waste will be mined and placed in permanent waste dumps next to the pit. A haulage road, approx. 1100 feet in length, will replace existing mine access roads and connect to the existing haulage road from the Alto to the Drum Mine site.

The area to be occupied by the new pit and dumps has been severely disturbed by prelaw mining activities. Numerous drill roads, small pits and drill holes presently exist at the site of the new pit. Many of these are about fifty years old, being a product of gold mining before World War II and manganese mining during and after WWII. Additional gold exploration took place 15 to 20 years ago.

Total area to be disturbed is approximately 21 acres. In general the reclamation rules and procedures agreed upon for other areas in the referenced permit will be followed for the Mizpah Pit area.

## TECHNICAL COMMENTS:

### 1.0: ACID FORMING CONSTITUENTS:

No deleterious or acid forming materials are expected to be produced as a result of our mining operations. However, if sulfide materials are encountered, these will be buried underneath at least four feet of oxidized, non acid forming waste rock.

### 2.0: OPERATION PLAN SEQUENCE:

The sequence of mining will be determined by availability of manpower and equipment and may vary from the following planned sequence:

- 2.1: Widening 1100 foot access road from existing haulage road.
- 2.2: Open pit mining of ore and waste in the pit area.
- 2.3: Hauling of ore to Drum Mine and stacking waste at mine area.
- 2.4: Reclamation of pit and waste areas when mining is complete.

The mining activities are expected to be completed in two or three years after the actual starting date.

3.0: VARIANCES requested are the same as those agreed upon for other mining activities which come under this permit. The topsoil question deserves restating for the record.

#### 3.1: Topsoil salvaging and stockpiling: (R613-004-109, pp 12)

As verified by inspections of the sites by personnel of the Department of Natural Resources, topsoils do not exist to any extent on the orebodies proposed for mining. The tops of waste dumps and mine and pit roadways will be scarified and reseeded as agreed upon for other areas.

If any significant amount of topsoil is encountered in the wash area, this will be stockpiled and spread on top of waste heaps prior to reseeded.



#### 4.0 RECLAMATION COST ESTIMATE:

- 4.1: Clean up and removal of trash .....\$ 1,000  
No structures are contemplated in the mining area.
- 4.2: Backfilling, grading and contouring:.....\$ 6,450  
Of the 21 total acres disturbed, about 6 acres will  
be taken up by pit slopes, leaving about 15 acres for  
contouring, grading, and backfilling @ \$430/ acre.
- 4.3 Soil redistribution and stabilization.....\$ 500  
This rocky terrain contains little soil.
- 4.4 Revegetation (preparation, seeding, mulching).....\$ 2,415  
15 acres @ \$161/acre
- 4.5 Safety berms around pit.....\$ 3,000  
There is no available access to much of the east  
side of the proposed pit, thus berms will be needed  
only on the western sides. D-8 Cat, 3 days @\$1,000
- 4.6 Monitoring cost included in Drum Mine bond.....

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Total estimated reclamation cost.....\$13,365

Please call me if I you need further information on this permit revision.

Sincerely,



E. B. King

cc: F. Rex Rowley, BLM, House Range Resource Area  
Don Osler, State Health